INTEGRATED TRAINING AREA MANAGEMENT (ITAM)

LAND CONDIDTION TREND ANALYSIS (LCTA)

WORKSHOP

19 AUGUST 2002

ITAM Environmental Technical Support Team

LCTA DAY

19 AUG 02 (1300-1700)

1300 – 1330 Opening Statements AEC (Phillips)

1330 – 1500 “Setting Site Specific Goals and Objectives” TNC (Sutter)

1500 – 1515 BREAK

1515 – 1700 “LCTA Front End Program” CSU (Sprouse et al)

21 AUG (0800 – 1200)

Computer Lab

ACCESS Database training

OPENING COMMENTS

- LCTA Survey results
- LCTA “Technical Support” 2002 Task Order
- LCTA “Ad-Hoc” group findings
- LCTA food for thought

LCTA HISTORY

- 1980’s LCTA developed (very structured)
- 1995 Ft. Pickett Meeting
- 1996 First LCTA (II) meeting @ BWI
- 1997 MACOM LCTA II meeting (Atlanta)
- 1999 LCTA II Technical Manual released
- MAR 00 Larsen, Whelen briefed PMR
- AUG 01 LCTA Day added to Workshop

LCTA History Cont.

LCTA

+ Standardized & consistent (CERL document)
- Very Structured & inflexible

LCTA II

+ Installation choose what works best
- No standardization or consistency??

WHERE ARE WE ??

Questions Facing LCTA

- What survey methods /analyses are we using ?
- Do we have accurate Goals & Objectives?
- Are there any effiencies to be realized?
- Is the LCTA II Tech Manual useful?
- Why does the phone support line see limited use?
- LCTA / GIS / ATTACC relationships?
- What are we really doing out there?
- ????????????

LCTA Survey Results

STATUS

- Draft Report Delivered 28 FEB 02
- Final Report and database of answers Delivered MAR 02
- Results briefed to MACOM's at PMR
- Results will be on ITAM Homepage

LCTA Survey Results

- 62 participants representing 65 installations

AMC 1	USARC 3	ATEC 3
FORSCOM 13	MEDCOM 1	MDW 1
NGB 29	TRADOC 6	USAREUR 2
USAPAC 5	USMA 1	

No LCTA Program at
Eustis,Lee,Jackson,Knox,Rucker,Redstone,EUSA

LCTA Survey Results cont.

LCTA Coordinators yrs experience

- 45% > 2 yrs
- 25% 1 – 2 yrs
- 25% < 1 yr
- 5% none

LCTA Funding

- 77% funded by ITAM
- 9% combination of funds
- 14% receive no ITAM funding

LCTA Survey Results cont.

LCTA Program Objectives

- 22 % review objectives annually
- 54 % review objectives “as needed”
- 24 % have no objectives

- 81 % have objectives categorized as “general”
- 19 % have site specific objectives

LCTA Survey Results cont.

LCTA II Methodologies

- 68 % Use original LCTA I
- 76 % Use all or parts of LCTA I

What are we Monitoring?

- 97 % Vegetation
- 71 % Physical Descriptors (slope,erosion, water)
- 61 % Wildlife (birds, small mammals, ticks)

LCTA Survey Results cont.

Written Protocols

- 51 % have written protocols
- 49 % Do Not Have Written Protocols/procedures

LCTA Reports

- 25 % written annually
- 63 % written “as needed”
- 12% NEVER

LCTA Survey Results cont.

Report Distribution

- 78 % ITAM Coordinator
- 60 % Natural resource Chief
- 43 % Range Chiefs
- 25 % MACOM
- 23 % Installation Commanders

LCTA Data Analysis

- 74 % yearly differences, means, and some simple statistics
- 40 % detailed statistics
- 26 % Huh?

LCTA Survey Results cont.

Learning Module

- 23 % used module
  - 62% were satisfied
  - 31% were not
- 59 % Have not used learning module
- 18 % unaware of module

Reference Material

- 80 % Have used
- 60 % Were satisfied with materials

LCTA Survey Results cont.

Technical Support (hotline)

- 55 % Found it helpful
- 16 % Did not find it helpful
- 28 % Didn’t know it was available

Future Technical Support

- 56 % Would probably use it occasionally
- 35 % Would use it frequently
- 9 % Have no need for technical support

LCTA Survey Results cont.

Technical Support Needs

- 62 % Data analysis
- 58 % Software training
- 58 % Data management
- 57 % Statistics
- 27 % Sampling design and methodology
- 27% Goals and Objectives development
- 25% Application of data to management

LCTA Ad Hoc Update

OBJECTIVE:

- **"To recommend the Reporting and Analysis requirement for LCTA."**

PMR 01-02

LCTA Ad Hoc Update cont.

MEMBERS

Angel Lombardi	Fort Lewis
Nate Whelan	USAREUR
Jason Applegate	Fort A. P. Hill
Catherine Skalda	USMA
Gary Larsen	Fort Richardson
*MAJ Amelia Calder	NGB (replaced)
*Vacant	TRADOC

LCTA Ad Hoc Update cont.

Meet in small groups (Fed & Mar)

Problems encountered:

- Difficult to meet (e-mail ineffective for scoping)

Challenges:

- Objective is too narrowly focused
- Need to develop better LCTA "requirements" (DA, MACOM, Installation)

LCTA Ad Hoc Update cont.

Current Status

- Have reviewed the LCTA Survey results
- Will meet 21 AUG
- Will brief at PMR 02-02 and hopefully expand focus of group

LCTA Technical Support

BACKGROUND:

- First established in 1998
- Lapsed in 2001/02 until "restructured" Statement Of Work could be developed
    1. Survey results
    2. Installation input

LCTA Tech Support cont.

FY 02 TASKS:

- Database training at ITAM Workshop (computer lab Wed am)
- Update LCTA/Access 2000 program
- Assist with Reporting and Analysis

LCTA Tech Support cont.

FY 02 TASKS:

- Traditional “Phone” limited to 5 hrs/call

  (Data analysis,statistics,data management,software training,sample design, objective development)

- One-on-one training at CEMML
- Better “reference material” acquisition

LCTA Tech Support cont.

FY 02 TASKS:

- Limited Site Visits (LCTA program review, design)

(970) 491 - 2709

LCTA Tech Support cont.

Possible Future Concept:

- Pattern after GIS RSC
- Provide tiers of support for Installations with no / limited LCTA programs
  - Establish/ review Goals & Objectives
  - Establish/review field data collection methodologies
  - Collect field data (traveling field teams?)
  - Analysis and Reporting

LCTA food for thought

- **Core Plots/Methodology –** "Term Life Insurance"
- **Special Use Plots/LCTA II methods –** answer installation site specific questions/goals/objectives
- **Sustainable Range Program –** need to show value to Trainers!!
- **TIM –** "bridge" more important than ever
- **SBCT –** planning, baseline, and monitoring

LCTA

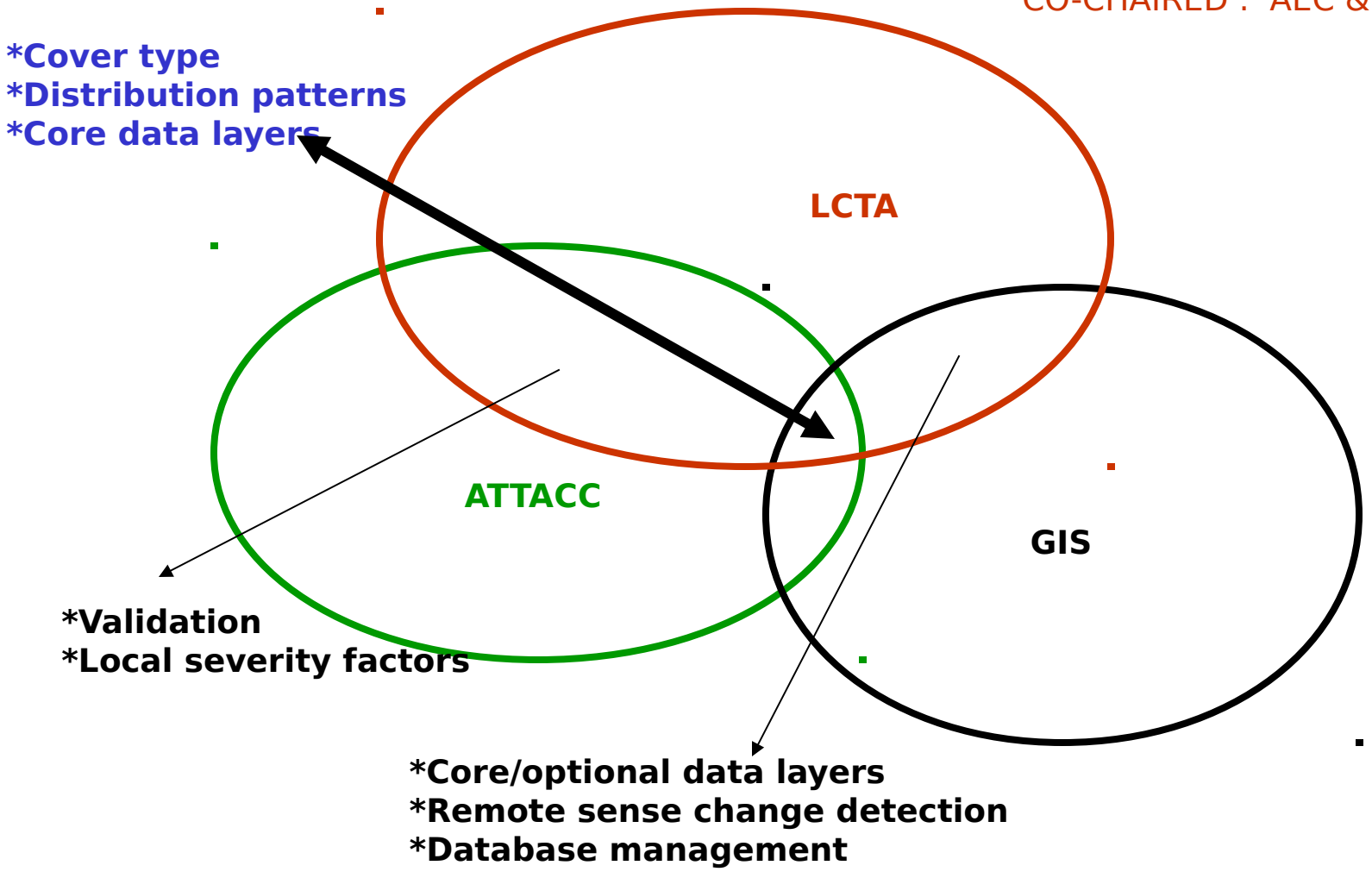
- **QUESTIONS ??**
- **COMMENTS ??**
- **CONCERNS ??**
- **DISCUSSION ??**

LCTA

- **Back-up slides**

ITAM UWG's

CO-CHAIRED : AEC & ATSC



LCTA UWG Cont.

- LCTA UWG would follow CCB SOP and develop charter.
- Group would meet twice/yr (ITAM Workshop and 4 days TBD annually)
- Expected time 80 hrs/yr./member

LCTA UWG Cont.

Membership

- Lead Co-Chair AEC (Phillips)
- Co-Chair ATSC ( )
- MACOM

(2) FORSCOM (1) AMC

(2) TRADOC (1) ATEC

(2) NGB (1) EUSA

(1) USAREUR (1) USARC

(2) USARPAC (1) MEDCOM/MDW/USMA

LCTA TECH SUPPORT

- Established in 1998
- FY 01 Summary:
  * 12 Months (Jun 00 – Jun 01)
  * $152,803 (146 support requests)
    (Benning, Lewis, Stewart >30% of total requests)
  * 30 Installations requested support (27% of all ITAM)
  * Contractor expended 2,336/hrs of labor

LCTA Tech Support Cont.

Types of support Requested:

- Database Conversion 17%
- Data /software distribution 17%
- Software support 10%

- Data analysis 2 %
- Inventory/monitoring guidance 9 %
- General LCTA guidance 10%

LCTA Tech Support Cont.

Support Requests by MACOM

- FORSCOM 33%
- NGB 21%
- TRADOC 12%
- USARPAC 10%
- USARC 8%

- All others 16%

LCTA Tech Support FY 02

- NOV 02 Survey completed (results to be posted on ITAM webpage)
- DEC 02 New SOW developed (reviewed by UWG)
- JAN 02 New Support Phone in place (cost effective & relevant)

ITAM WORKSHOP LCTA DAY

31 AUG 01

- 2nd Annual
- 150 + registered
- Topics and general discussion

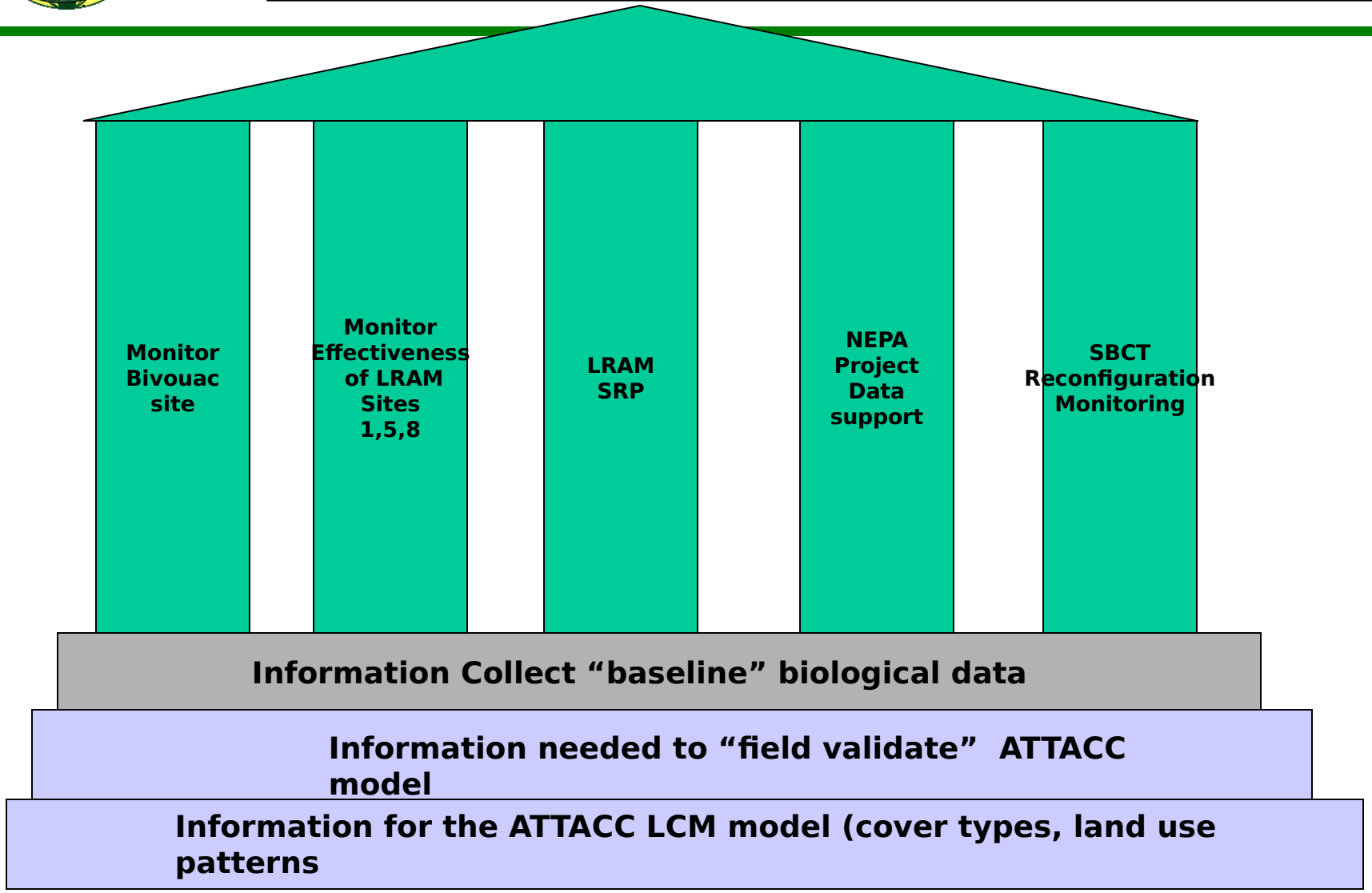
- UPDATE from PMR

LCTA 2002

MACOM SUPPORT REQUESTED

- Endorse / support LCTA Survey effort
- Approve Formation of LCTA UWG
  - * Recommend nominees
- Feel free to contact me

Each has a specific goal, monitoring method, and analysis


Monitor Bivouac site
Monitor Effectiveness of LRAM Sites 1,5,8
LRAM SRP
NEPA Project Data support
SBCT Reconfiguration Monitoring
Information Collect “baseline” biological data
Information needed to “field validate” ATTACC model
Information for the ATTACC LCM model (cover types, land use patterns

ITAM WORKSHOP LCTA DAY

Suggested LCTA topic areas:

1. Integration of LCTA and Conservation/Range Operations/DPW, etc)
2. Accountability of LCTA Data - the Process from start to finish, Reporting, Lessons Learned
3. Integration/application of LCTA to ATTACC
4. Using LCTA to assist/solve compliance issues
5. Example of Setting Installation LCTA goals, objectives, and Data Elements
6. Lessons Learned

LCTA Task Order

FISCAL STATUS:

Total Contract: $152,803.00

Used to-date: $ 66,289.84 (43.4% of total)

(as of 31 Jan 01) ----------

Remaining: $ 86,513.16

CONCLUSION:

- **Situation - Green**
- **Spending is 26% below average monthly burn rate. This situation will likely disappear as we get into April due to the installation's field season. We are expecting to see a doubling of use at this time.**